

Name \_\_\_\_\_

Date \_\_\_\_\_

## 5.2 FACTORING TRINOMIALS

Factor	
1. $24a^2 + 20a^7 - 32a^4 =$	2. $56a^4b^7 - 35a^3b^2 - 21a^8b^3 =$
3. $45a^5b^2 - 72a^4b^6 + 54ab^3 =$	4. $48a^4b^2c^7 + 16a^5bc^3 + 40a^3b^9c^4 =$
5. $x^2 + 12x + 36 =$	6. $4a^2 - 20a + 25 =$
7. $81a^2 + 72ab + 16b^2 =$	8. $25a^4 - 30a^2b + 9b^2 =$
9. $x^2 + 11x + 28 =$	10. $x^2 - 3x - 54 =$
11. $x^2 + 5x - 24 =$	12. $x^2 - 9x + 20 =$
13. $2x^2 + 9x + 4 =$	14. $3x^2 + 10x - 8 =$
15. $8x^2 - 6x - 9 =$	16. $6x^2 - x - 15 =$